

ABSTRACT

In one embodiment, a data storage system is provided may include an input/output (I/O) controller, and first and second memory boards. The controller may receive data and a request to store the data in the system, and may include memory for initially storing the data. The first memory board may store, in response to a first memory storage request, a first copy of the data initially stored in the controller. The first memory board may provide to the controller a first status indication indicating whether the first memory board successfully stored the first copy. The second memory board may store, in response to receipt of a second memory storage request, a second copy of the data. The controller may provide a second status indication, indicating whether the request to store the data in the system was successful.